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(2) Support for the application by Levi & Kraus (BZN **46**: 165–166) has been received from the following (see also BZN **46**: 189–190): J.C. Cockendolpher (Texas Tech University, Lubbock, Texas 79409, U.S.A.), B.Y. Main (University of Western Australia, Perth, Western Australia 6009), D. Ubick (California Academy of Sciences, San Francisco, California 9411, U.S.A.) and T. Yaginuma (3-7-14 Harinakano, Higashisumiyoshi-ku, Osaka 546, Japan).

Comments on the proposed designation of *Fonscolombia graminis* Lichtenstein, 1877 as the type species of *Fonscolombia* Lichtenstein, 1877, with an additional proposal to suppress the names *Tychea* Koch, 1857 and *T. graminis* Koch, 1857 (Insecta, Homoptera)

(Case 2695; see BZN **46**: 119–122)

(1) Evelyn M. Danzig

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I support the proposal of Ben-Dov & Matile-Ferrero. The names *Fonscolombia* and *F. graminis* date from the reference 'Lichtenstein, 1877b' given in the application. This paper in the *Entomologist's Monthly Magazine* appeared before 11 July 1877, while the reference '1877a' was published on 5 September (see *Annales de la Société Entomologique de France*, (5)7, bulletin bibliographique, pp. 35, 43). In a third paper published in 1877 (late August), which is not mentioned in the application, Lichtenstein clearly stated (p. 491) that his *graminis* was distinct from *Coccus radicograminis* Fonscolombe, and he synonymized it with *Tychea graminis* Koch.

Koch (1857, p. 296) established the genus *Tychea* with two new species, *T. graminis* (p. 298) and *T. amycli* (p. 300); the first was designated as type species by Kirkaldy (1906, p. 9). The original description of *T. graminis* was based on a mixture of an unidentifiable scale insect from the family PSEUDOCOCCIDAE and an aphid, which according to Schouteden's (1906) interpretation is identical to *Tetraneura ulmi* (Linnaeus, 1758, p. 452) (see Morrison & Morrison, 1966, p. 80; Eastop & Hille Ris Lambers, 1976, p. 444). Neither the generic name *Tychea* nor the species name *T. graminis* are in use (see BZN **46**: 120, para. 6) and they are a source of potential confusion.

Accordingly, in addition to the proposals on BZN 46: 120–121, I ask the International Commission on Zoological Nomenclature:

- (1) to use its plenary powers to suppress the names *Tychea* Koch, 1857 and *graminis* Koch, 1857, as published in the binomen *Tychea graminis*, for the purposes of the Principle of Priority but not for those of the Principle of Homonymy;
- (2) to place on the Official Index of Rejected and Invalid Generic Names in Zoology the name *Tychea* Koch, 1857, as suppressed in (1) above;
- (3) to place on the Official Index of Rejected and Invalid Specific Names in Zoology the name *graminis* Koch, 1857, as published in the binomen *Tychea graminis* and as suppressed in (1) above.

[These supplementary proposals are supported by Dr Y. Ben-Dov].

Additional references

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- Lichtenstein, J. 1877. Weitere Beiträge zur Geschichte der Wurzel-Läuse. Homoptera anthogenetica. *Stettiner entomologische Zeitung*, 38: 489–492.
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(2) P.K. Tubbs

Executive Secretary, International Commission on Zoological Nomenclature

As first proposed, in the *Entomologist's Monthly Magazine*, 14: 35 (see Dr Danzig's comment above), the specific name *graminis* Lichtenstein, 1877 was formally an unjustified emendation (replacement name) of *radicumgraminis* Fonscolombe, 1834 (see BZN 46: 119, para. 2).

For procedural propriety, proposal (1) in BZN 46: 120, para. 12 should be replaced by:

- ‘(1) to use its plenary powers to rule that the name *graminis* Lichtenstein, 1877, as published in the binomen *Fonscolombia graminis*, is to be treated as the specific name of a then new nominal species, now defined by the type specimen designated by Ben-Dov & Matile-Ferrero, 1989.’

Acceptance of this proposal would fix the type species of *Fonscolombia* Lichtenstein, 1877 as *F. graminis* by monotypy (cf. proposal (2) on BZN 46: 121).